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(130) 柴田一成<sup>1</sup>

フレア、ジェット、ガンマ線バースト

2003 年度 国立天文台天文学データ解析計算センター大規模シュミレーション・  
ユーザズミーティング (国立天文台) 12 月

(131) 磯部洋明<sup>1</sup>

磁気対流と浮上磁場の 3 次元 MHD シミュレーション

(132) 田沼俊一<sup>1</sup>

太陽フレアにおける磁気リコネクションジェット中の多重衝撃波

(133) 宮腰剛広<sup>1</sup>、横山央明<sup>23</sup>、磯部洋明<sup>1</sup>、柴田一成<sup>1</sup>

浮上磁場の磁気リコネクションによる太陽コロナジェットの MHD 数値シミュレーション

2003 AGU Fall Meeting (アメリカ) 12 月

(134) Morimoto, T.<sup>1</sup> and Kurokawa, H.<sup>1</sup>

The Three-Dimensional Velocity Fields Of Solar Disappearing Filaments And Their Relations To Coronal Activities

## 広報普及活動

国立科学博物館天文学普及講演会 (4 月 19 日)

(135) 野上大作<sup>1</sup>

激しく活動する宇宙 — 特に太陽・恒星フレアについて —

## 12.3 天文台出版物

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- No. 428** Nogami, D., Baba, H., Matsumoto, K., & Kato, T.  
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Observational evidence of a magnetic flux rope eruption associated with the X3 flare on 2002 July 15, 2003, ApJ, 593, L137
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